

Guinea-Bissau - J5 The J50AS-J56AS group should wrap up their operation before the end of the month. 40 meter CW at 0000Z and 14001-5 kHz at 18-2200Z have been productive spots. On J56, the power went off from 00-0700Z, clobbering any low-band activity with stateside hams. QSL IT9AZS.

And excellent news: K8MN has received his license as J52US. Bill will be very active for the next two years on all bands and all modes, including RTTY. Look for J5 to plummet off The DX Bulletin's Most Wanted list in 1988! Bill got on the air on Jan. 19, and is favoring 21275 kHz at 1700Z. He has RTTY equipment and will be especially active on that mode. QSL WA8JOC, but be patient: he doesn't have any cards printed yet, as he just heard about the new call.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

South Georgia - VP8 Reg VP8BPZ still hopes to hit AN-07 the first week in Feb. Watch 14295 at 1300Z and 28495 kHz, just in case.

Market Reef - OJ0 John W2GD reports that license restrictions may force him to operate on 1832 kHz, rather than the previously reported frequency. He'll also try 21120 kHz for Novices. QSL N2AU.

Baker-Howland - KH1 Jim Smith VK9NS says that he has chartered a ship from Tarawa T30 to KH1 for Mar. 21-Apr. 8 (4 days travel each way) for about \$25,000. The 23 small donations received so far won't cover many expenses, and even \$2,000 from the NCDXF is less than the HIDXA is contributing. He welcomes your help.

Mauritius - 3B8 W1AW says 3B8FQ will be there through March. Try 20 CW 1915-2015Z.

January 29, 1988

Issue 422

Auckland - ZL9 ZL1AMO and company is scheduled to fire up Feb. 5 for about 10 days from 0C-37. They have SSB and RTTY capabilities, as well as Ron Wright's preference for CW (remember he listens down as well as up.) Sunrise 1740Z, sunset 0820Z. QSL ZL1AMO.

Marshall Is. - KX6 Karl DL1VU should come on from Marshall Is. soon, after a short stay in Guam KH2. See Bandpass for KH0/ or KH2/DL1VU or Issue 419 for times and frequencies. Watch 7005 kHz at 1230Z+. Sunrise 1950Z, sunset 0810Z. QSL KX6 operation only to DL4YAH.

Fiji - 3D2 Amir 4X4TT moves on to Fiji Feb. 7, if he sticks to plans. See Issue 419 for details.

Western Samoa - 5W Beni HB9CVX is also on a Pacific tour, starting in Western Samoa early Feb. CW only on 3510-20, 7010-15, 14030, 21030, 28030 kHz, listening up 2. QSL to Box 88, 6000 Lucerne 10, Switzerland (Callbook has Box wrong.) Sunrise 1720Z, sunset 0545Z.

Reserve Your Island

- Ken K4TEA will operate KP2A for CQWW 160 this weekend. QSL to N6CW.

ARRL SSB

- V31HQ is the call of the Albuquerque DX Association Mar. 3-10, all band. QSL WS50.
- Will AA4NC operates from The Last Resort on Montserrat March 2-8, including as VP2MU for ARRL SSB. QSL N4IZE.
- Bob KA1XN returns to Aruba for a M/S with KE1Y and DL7AEY, with a yet-unknown P4 call.

RTTY Report

Look for HD8G Feb. 14-18 from San Cristobal, all bands and modes 160-6, with special emphasis on digital. Watch JAS-1 satellite and 50.080 (HC8SIX) beacon. Call split on digital. QSL KT1N, Box DX, Stow MA 01775.

Low Band News

UG6GAW 1833+/- 0300Z; SU1ER 1840 SSB; 3B8CF 7012 or 7026 0200-0230Z; PJ2/W1BIH through Mar., see Bandpass; FT5ZB 3505 2330Z and 7007 at 0000Z and 1330Z (Don't call out of turn or he disappears!); VS6DO 3505 at 1130-1200Z; 9Q5DA 7005 at 0530 and 2000Z; HC8MA 7005 at 0330Z+; KH2F 7010 at 1300Z; VU2TJW 7004 at 1230-1300Z or 230Z.

Regulars

9L1GG 14010 2200Z; LU1ZA 14010-20 0000-0130Z; 9Q5DA 14003 2130Z; TL8HW 20 SSB 20-2200Z; ZD9BV 21250-65 1700Z+; CEOFFD 15M CW often; 5H3RB 21300+/- often; 9Q5NW 21250 1600Z; CN2AQ 21210 1600Z. 20M SSB nets: 3B8CF 5V7WD 5X5GK PYOFF S92LB TJ1BP TJ1CH.

PROPAGATION

Forecast and Historical Data

Day Forecast		27 Days Before				55 Days Before			
<u>January</u>		Date	Flux	A	K	Date	Flux	A	K
29	Disturbed	1/2	97	24/45	5	12/05	89	13/21	2
30	High/Above	1/3	105	06/12	2	12/06	88	09/10	2
31	High Nor	1/4	102	07/12	2	12/07	88	03/06	2
<u>February</u>									
1	Below Nor	1/5	103	16/20	1	12/08	91	02/05	0
2	Below Nor	1/6	105	24/37	5	12/09	94	03/10	0
3	Below Nor	1/7	106	13/26	2	12/10	93	15/31	4
4	Low Normal	1/8	109	18/24	3	12/11	94	11/16	2
5	High Nor	1/9	111	05/09	0	12/12	98	09/12	2
6	High Nor	1/10	104	03/07	1	12/13	94	03/06	2
7	High Nor	1/11	108	11/15	2	12/14	94	01/06	0
Thanks N4XX		and KH6BZF							

Thanks N4XX and KH6BZF

Propagation Watch

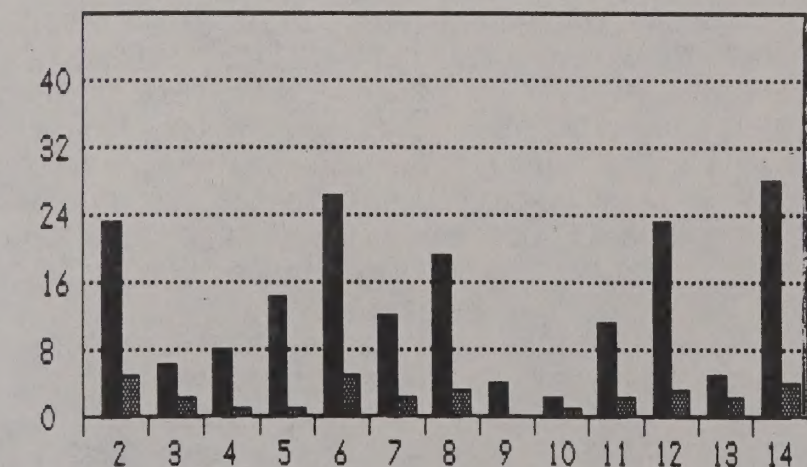
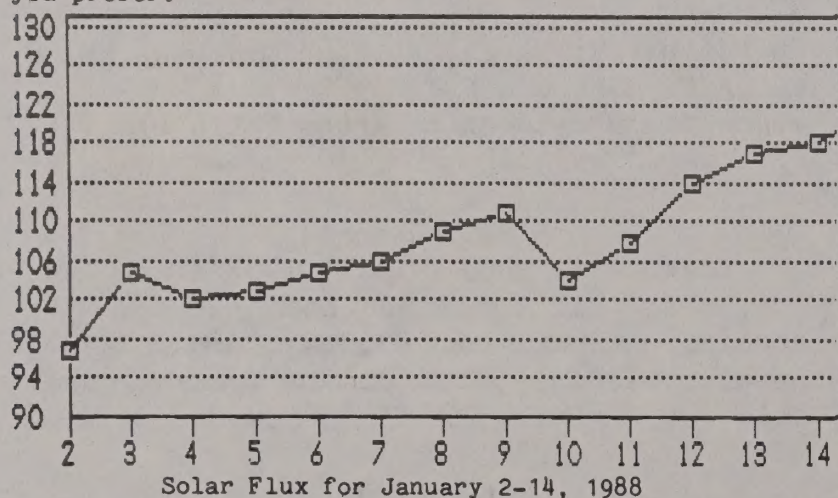
After enjoying good band conditions at the end of January, the DXer may be disappointed in the bands for early February. Although solar flux should stay above 100 for the first part of the month, we are likely to be hit by above-average absorption, with some periods of storminess.

February 5-6 look to be the best days for DX in the next two weeks. That should be good news for the ZL9 operation.

Better conditions are expected the second half of February, assuming the January conditions repeat.

New Feature

Beginning this week, The DX Bulletin will publish solar data for the previous solar revolutions in graphic form, as well as in the above chart. DXers will be able to compare solar flux and absorption indices from 27 days prior with present band conditions. We'll try several different formats over the next months; let The DX Bulletin know which ones you prefer.



A-Index (solid) and K-Index (pattern) Jan. 2-14

India Ham Convention

The National Institute of Amateur Radio of India (the people who brought you VU7 and VU4) are holding a convention Feb. 13-14 in Hyderabad, in the southern part of India. The NIAR is building a new building in Hyderabad, as well as working on the upcoming Nicobar DXpedition. For more details, contact the NIAR at 5-b, P-S Nagar, Hyderabad-500 457, phone 227287.

Dayton DX Dinner

The SouthWest Ohio DX Association is sponsoring the Third Annual DX Dinner at 6:30pm on Friday, April 29, at the Stouffer's hotel in Dayton. The first two dinners were smashing successes, with a good time had by all. DXers at Dayton are making this dinner an important part of their Hamvention experience.

This year's keynote speaker has not been announced, but the SWODXA will do a fine job. For tickets in advance only, send \$20 each to Jay Slough K4ZLE, 8183 Woodward Drive, West Chester OH 45069. Make checks payable to SWODXA, and include an SASE. See you there!

W1ZW Silent Key

The DX community lost another long-time DXer on January 2, when Philip Baldwin W1ZW passed away at the age of 86. Phil had been a ham for 71 years, and was first licensed in 1916. He served in the Army and Navy, was a chief engineer at radio and TV stations, and a First Class Operator.

Northern California DX Foundation

The NCDXF held a regular meeting on January 19, and elected two prominent West Coast DXers to their Board of Directors. Bruce Butler W6OSP, Vice President of the Redwood Empire DX Association, and Ted Algren, President of the Northern California DX Club, are the new directors. NCDXF also acknowledged the receipt of \$10,000 from the LA DX group (the Peter 1 island group), in accordance with their agreement where NCDXF provided \$30,000 in critical seed money to the Peter I Island trip.

The NCDXF immediately returned those funds to the DX community by contributing funds to several needy DXpeditions. 3B9FR, the only amateur on Rodriguez Island was supplied with a rig and tribander. Syrian DXers YK1AO and his wife were provided funds for a suitable station. Ron Wright ZL1AMO's upcoming DXpedition to Auckland Island received \$1000 from the Foundation, and Jim Smith VK9NS, who is heading the DXpedition to Baker/Howland in March, received \$2,000. [This shows how impartial the NCDXF is; VK9NS criticized the NCDXF for attempted to raise funds through offering photographs of Peter 1 Island to contributors. -ed] The big winner was the Kingman Reef/Palmyra trip tentatively scheduled for late April. The organizers of that trip received \$4000.

Marion Island ZS8MI?

Word from Bill ZS6XD confirms the prevailing wisdom that any operation from Marion Island ZS8MI this year is extremely unlikely. ZS6BBY and ZS6RM have had their application to operate from ZS8 turned down, as previously reported. The authorities have made it very clear that anyone who wishes to operate from Marion must be a South African who is willing to join the regular research team for a 13-month tour of duty. This year's team is fixed, so any operation will not start before next year. The authorities have not received any application to operate or even visit Marion from George Collins VE3FXT, so the chances of that operation coming to pass appear to be nil.

BANDPASS

Reports Wanted,
Especially RTTY, 30 meters

-----RTTY-----
HC6JA 14097 2355 10 ND
JA1ACB 14088 2240 11 ND

-----160 Meters-----
5B40A 1847 0311 16 IL
6W6JX 1843 0745 6 MD
EA8QO 1832 0050 15 AL
FO0AQ 1838 0818 14 IL
GU2FRO 1848 0719 11 IL
HB0CXZ 1832 0507 13 IL
HK0BKX 1836 0314 12 MD
J50AS 1835 0245 14 MA
JA3ONB 1909 1229 14 AL
KH6AT 1833 0754 9 MD
KX6DC 1832 1108 10 IL
LZ1XL 1835 0426 13 MA
NP4A 1844 0306 12 VT
OK1DWJ 1833 0617 9 MD
ON4UN 1831 0505 10 MD
OX3CS 1834 0610 13 IL
PJ2/ 1834 0138 22 M A

W1BIH
UG6GAW 1835 0300 19 AL
UL7ACI 1833 0132 22 MA
U050GB 1834 0555 13 MA
UQ2PQ 1834 2130 4 MA
UQ2PQ 1834 0506 7 MO
UR2RGN 1833 0251 19 IL
UT5UIR 1828 0549 11 MD
Y22IC 1823 0621 9 MA
Y52WG 1838 0640 9 MA
YS1TG 1840 0555 14 IL

-----80 Meters-----
3B8CF 3506 1508 17 CA
3B8CF 3509 0156 22 MA
5H1HK 3501 2138 6 MA
9M2AX 3506 2200 16 MA
AH2/ 3504 1440 20 I D
DL1VU
CN8FC 3501 2148 5 MD
CT3/ 3504 0756 10 C A
GI3IVJ
FT5ZB 3505 2323 16 AL
FT5ZB 3507 1415 18 CA
H44JA 3509 1230 16 AL
HZ1AB * 3506 1449 16 WY
J50AS 3503 7240 11 MA
KH0/ 3504 1200 17 A L
DK7PE
PJ2/ 3502 0050 13 M A
W1BIH
PJ2/ 3503 0250 21 M A
W1BIH
RL9GA 3502 0047 13 MA
SV1DO 3502 0440 16 KY
UA2FX 3503 0500 16 AL
UB5UAT 3501 0556 17 MN
VS6DO 3505 1141 6 NY
YU2AA 3503 0555 14 CA

-----75 Meters-----
5B40A 3795 0140 22 MA
5T5NU 3795 2230 21 VA
6W2EX 3793 0753 12 MD

9M2AX 3794 2244 16 MA
GW3YDX 3791 2231 6 RI
J50AS 3799 2240 12 MA
OD5VT 3794 0430 16 AL
TR8JLD 3798 2340 14 MA
UAOFF 3649 1150 11 IL
UC2AHF 3645 0350 18 MA
UD5GR 3645 0350 18 MA
YBOWR 3793 2213 9 MD
ZL2BT 3803 0743 9 WI

-----40 Meters-----
3B8CF 7012 0215 12 NE
3B8CF * 7007 1519 10 WY
4KOE 7002 1223 10 MD
4S7RO 7008 1248 10 MD
8R1L 7004 1101 10 NH
9Q5DA 7010 2207 17 MA
AH2/ 7005 1223 18 I N
DL1VU

FR5ES 7008 1330 14 IA
FT5ZB 7003 1250 14 MN
FT5ZB 7004 0030 17 MT
FT5ZB * 7005 0121 17 MT
HC8MA 7004 0325 12 MO
HC8MA 7007 0440 13 CA
HK0BKX 7010 2307 11 WI
HZ1AB * 7002 1433 9 WY
HZ1HZ 7005 0435 18 NH
J50AS 7005 0040 13 MT
JA5RDE * 7090 2159 16 NH
JT/ * 7000 1215 19 A L
OK1XC
KC4ZV 7000 1215 18 OR
KH0/ 7003 1557 14 C A
DK7PE
KH2F 7010 1255 9 MD
KX6DS 7005 1141 17 KY
OX3KD 7001 2245 16 IA
P43GR 7005 0222 5 WY
PJ2/ 7005 0221 15 C A

W1BIH
TA1C * 7001 1521 17 MT
TR8JLD 7005 2320 19 ID
UD6DKW 7010 0335 11 NY
UI8LA 7004 0119 19 NH
UL7FDV 7014 0230 12 IN
UM9MZC 7002 0200 12 CA
UZ0AWB * 7012 1233 14 AL
VP8BFM 7005 0010 14 MA
VU2TJW * 7004 1225 12 WY
VU2TJW 7004 1219 12 MD
VU2TJW 7005 2330 13 IA
VU2TJW * 7005 1245 16 AL
VU2TTC 7002 0105 11 CA
VU2TTC * 7004 0130 19 CA
YB0SY 7079 2304 12 NH
YN3CC 7005 0540 14 CA
YN3CC 7009 0351 12 GA
ZS7IM 7017 2209 16 KY

-----30 Meters-----
9Q5DA 10108 2209 17 MA
PZ1DV 10104 2151 10 AL

-----20 Meter CW-----
3B8FQ 14008 1956 8 MD
4K1J 14010 0100 20 VA
4S7WP 14001 1305 18 VA
5U7/ 14063 2339 8 M D
TU4BR
9L1GG 14010 2217 13 OR

A92EM 14023 1344 10 MD
A92EM * 14024 1314 13 IN
BY5RB 14028 0101 12 WI
BY9GA 14015 0046 14 MT
CEOFFD 14007 0107 10 OR
CE0ZIG 14017 0015 10 OR
CN8FC 14005 1829 13 CT
EL2MS 14026 2350 13 NE
HA0JBA 14012 0040 13 ND
HK0BKX 14019 1320 15 CA
J50AS 14005 2121 10 CA
JW8FG 14070 1345 11 NH
JY8QN 14029 1230 12 MA
LU1ZA 14011 0019 15 KY
TA2AI 14008 2315 12 MO
U5NM 14016 1356 13 MA
UG6GRA 14020 1633 14 NH
UVOCV 14028 0047 14 MT
VR6TC 14027 0130 15 CA
ZC4EE 14003 1356 8 MA

-----20 Meter SSB-----
3A2EE * 14208 1520 16 CA
4K0D 14188 0108 13 MT
4S7EA * 14185 0150 12 CA
5N9/ 14261 1850 14 W I
KC7RD
5V7RW 14226 2140 9 CT
5V7RW 14237 2216 9 MD
5V7SA 14183 2139 13 NC
5V7WD 14160 2200 17 MI
5Z4MR 14198 2024 6 CT
6C400 14198 0933 26 EU

Syria
6W6JX 14226 2200 20 CA
6W6NJ 14259 2218 6 RI
7J1ACH 14196 2212 16 NH
9N1MM 14183 0138 9 OR
A22BW 14194 2024 10 CT
A4XJW 14196 1430 12 IA
A4XKJ * 14171 1250 17 AL
CE0GHO 14184 1345 16 IA
CE9AH 14242 0112 14 MD

Antarctica
EP2HZ 14250 0657 26 EU
FR5ZE * 14157 0300 13 CA
HKOHEU 14215 0350 12 CA
J50AS 14189 2152 12 MA
JT1KAA 14226 2310 12 NH
KC4USV 14221 0340 13 CA
PYOFF 14236 0015 20 VA
S92LB 14183 2011 8 RI
T30BC 14220 0622 15 FL
T5GG 14180 1934 15 NH
TJ1BP 14160 2200 16 CA
TJ1CH 14183 2025 16 MA
TL8HW 14157 2200 16 CA
TL8HW 14190 2055 19 NC
TZ6MG 14183 2035 15 FL
UG7GWO * 14222 1349 17 NH
UI8ZAA 14208 1415 12 NH
UI9BWE 14221 1313 19 AL
UJ8XA 14209 1318 11 MD
UQ1GWC * 14213 1340 18 VA
VK0HI 14214 0045 10 MD
VP2MDF 14203 0029 15 FL

The Last Resort
VR6ID 14226 0445 10 CA
VR6TC 14188 0355 15 FL
VU2RBI 14204 1245 7 MD
VU2UGI * 14202 0320 13 CA
XT2AT 14195 2150 11 MA
XT2BU 14183 1836 5 MA
XU1SS 14165 1325 18 AL
YB0SY * 14180 0038 14 MA

ZD7AF 14160 2215 15 VA
ZD7AH 14160 2116 15 FL
ZD9CW 14183 1858 4 MD
ZK1CG 14230 0340 14 CA
ZL7AA 14225 1348 18 AL

-----15 Meter CW-----
3B8CF 21030 1450 7 NH
7P8DX 21005 1928 10 IN
8P9DX 21012 1840 18 OR
9J2EZ 21022 1830 16 CA
9Q5DA 21024 1900 16 CA
CN8FC 21033 1653 17 MT
FM5EQ 21066 1931 12 IN
HK0BKX 21018 1840 11 WI
J56AS 21008 1442 18 MA
KH0/ 21025 2118 16 K Y
DK7PE
LU1ZA 21051 2323 10 WI
ST2/ 21025 1512 10 M D
PAOGAM

TA2J 21026 1343 3 AL
TA3D 21010 1450 10 MA
TK5VN 21013 1501 10 CT
TR8JLD 21008 2038 4 MA
TU2JA 21022 1830 16 CA
VP8BEN 21019 2110 16 CA
VP8BFM 21018 2212 16 AL
VU2ZAP 21030 1546 13 FL
XF1C 21060 1830 16 NH
Cedros Is.

ZD8MG 21029 1317 13 GA
-----15 Meter SSB-----
3D6AN 21364 1844 4 MD
5T5NU 21233 1940 12 MA
6W6JX 21268 1504 9 MA
6W6VX 21273 1916 9 MD
7P8DP 21220 1722 11 MA
9J2DS 21284 1924 10 CA
9X5NH 21301 1941 19 NC
FROEH/J 21280 1830 20 CA
FROEH/J 21280 1750 18 MA
FROEH/J 21280 1840 18 IA
Juan de Nova

FR5EL 21250 1748 16 KY
HKOHEU 21301 1450 11 MN
HV3SJ 21260 1500 17 NJ
J52US 21275 1729 19 CA
P29JD 21285 2145 8 ON
P43WLP 21300 1725 16 IA
TA3D 21234 1534 14 NH
TZ6PS 21221 1844 9 MD
ZD8MAC 21318 1715 16 CA
ZD9BV 21256 1735 18 NH

-----12 Meters-----
HK0BKX 24950 1535 4 MA
-----10 Meter CW-----
CN8FC 28029 1611 9 MD
FT5ZB 28027 1324 14 MA
VP8BFM 28016 2144 17 CT

-----10 Meter SSB-----
3D6AN 28402 1537 12 NY
5N9GM 28540 1642 17 CA
9J2CV 28500 1529 9 MD
A22KN 28515 1529 9 MD
EL2X 28440 1611 9 RI
FH8CB 28503 1455 9 MD
KG4AN 28340 1840 9 NY
PYOFF 28505 1650 9 MA
TL8HW 28520 1525 17 NJ
TR8JLD 28530 1554 9 RI
TU2QQ 28491 1530 9 MD
Z21GU 28548 1455 9 MD
Z21GU 28548 1606 9 RI
ZS3PQ 28472 1530 17 NJ

Key to Bandpass: Callsign, frequency, UTC, day of month, state. * = long path, P = Packet. All 'portable' calls are listed with country of operation first, regardless of format used on the air.

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Name _____ Address _____ City _____ State _____ Zip + 4 or Country _____

Expires _____ Signature _____

() Check enclosed OR () Visa account # _____ Charge my MasterCard/

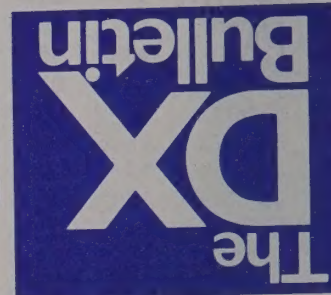
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CALENDAR

Issue 422 - Jan. 29, 1988

(Changes and hot info in boldface.)

Amsterdam - FT8Z	FT5ZB 3505 2330Z 7007	0030Z/1330 14215 04Z I420
Anguilla - VP2E	N6RA Feb. 4-23 CW	I420
Aruba - P4	P40GD ARRL CW	I421
	P4? ARRL SSB M/S	I422
Auckland - ZL9	Feb. 5-15 by ZL1AMO	I402
Bahrain - A9	A92EM 14025 14-1600Z	I421
Baker-Howland KH1	by VK9NS Mar. 25-30	I422
Barbados - 8P	8P9EK ARRL CW	I421
Belize - V3	V31HQ ARRL SSB	I422
Central Afr. Rep	TL8HW 20 SSB 20-22Z	I422
Galapagos-HC8	HD8G Feb. 14-18	I422
	HC8MA 7005 0330Z+	I422
Grenada - J3	Feb-Mar by K4LTA	I406
Guinea-Bissau J5	J50AS wrapping up	I422
	J52US now!	I422
Heard Is. - VK0	VK0HI 14215 0330Z	I416
Hong Kong - VS6	VS6DO 3505 1120Z+	I420
Kampuchea - XU	XU1SS 14165 1245Z	I420
Little Cayman	N5KNN Feb. 17-21	I419
Market Reef OJ0	OHOMB/OJ0 Jan 29-31	I420
Marshall Is. KX6	DL1VU/ 7005 1230Z	I422
Mauritius - 3B	3B8CF 3507.2 1430Z	I420
	1832 kHz at 0130Z	I409
Mayotte - FH	FH8CB 21275 17-1845Z	I420
Mexico - XE	XEODX CQWW 160, ARRL	I421
Montserrat - VP2M	K1TN Feb. 15-29 CW	I420
	VP2MU ARRL SSB	I422
Navassa - KP1	N2EDF, K2SG Feb 10-18	I419
N. Antilles - PJ	PJ2/W1BIH Now-Mar	I416
Nicaragua - YN	40M CW 00-05Z	I419
Nicobar - VU4	Soon by VU2RBI	I419
Niger - 5U	5U7/TU4BR 14160 21Z	I420
Nigeria - 5N	5NOWRE 15 SSB 1700Z	I420
Niue - ZK2	ZK2JS, MB Feb 21-26	I415
North Cooks - ZK	ZK1WL for two years	I417
Reunion Is. - FR	FR5DX 14195 03-04Z	I419
Rwanada - 9X	9X5NH 21292 13,1800Z	I417
Sao Tome - S92	S92LB 14183 at 2000Z	I420
Sierra Leone - 9L	9L1GG 14012 2230Z	I421

South Georgia	VP8BPZ Early Feb ?	I420
South Orkney LU/Z	LU1ZA 14020 0100Z	I420
Sudan - ST	PAOGAM/ST2 14024 kHz	I401
	28023-25 1400Z	I420
Syria - YK	VO1KS/4U active now	I419
Tanzania - 5H	5H1HK Zanzibar AF-32	I414
	5H3RB 15M CW 1700Z+	I419
Togo - 5V	5V7WD 14160 2000Z	I421
Tristan da Cunha	ZD9BV 21264 1630Z	I418
W. Malaysia - 9M2	9M2AX 3505 2230Z+	I420
W. Samoa - 5W	by HB9CVX on CW	I422
Willis - VK9Z	VK9ZR 14195 1130Z	I420
Zaire - 9Q	9Q5NW 21250 1930Z+	I420
	1835 kHz at 0430Z	I420
	9Q5DA 7005 0530Z	I421
	14003 2130Z 15M CW 2100Z	
Zimbabwe - Z2	Z24JS 21040 18Z Sun.	I408

DX Activities and Contests

Date	Event or Activity	Info
Jan 29-31	CQWW 160M CW Test	CQ
Feb. 20-21	ARRL DX CW Test	QST
Feb. 26-28	CQWW 160M SSB Test	CQ
Mar. 5-6	ARRL DX SSB Test	QST

Reserve Your Island Today!

Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following: N4XX, KH6BZF, KOCVD, KOKES, K1MEM, K2UFM, K4BAI, K6IR, K7ABV, K7SLI, KA1BSZ, KA1KPH, KA1PL, KA1XN, KA4YAE, KA7T, KA9OKH, KE7X, KJ4VH, KQ2M, KV4AM, KWOA, N1CIX, N1DYI, N1HN, N1QY, N4CWL, N4KG, N4NO, N4QAJ, N9EAJ, NS7Z, NW6P, OK1306, VE3NQi, WOLHS, W1BFT, W1CYB, W1JR, W6AUG, W6BJI, W6UQF, W9DH, W9MCJ, WA2FUZ, WA6FIT, WA7CGR, WB3JRU, WB9HAD, WB8SFF, WB8ZRL, WK6E, VU2RBI, K4ZLE, W1HX, KJ4GK, WB8JOC, W2GD, W1AW, WW6D, VK9NS, DX-NS, K4TEA, WS50, and KT7H. Many thanks to all!